

Notice of References Cited	Application/Control No. 10/632,117	Applicant(s)/Patent Under Reexamination SMITH, HILDA ELIZABETH	
	Examiner Tammy K. Field	Art Unit 1645	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	A	US-			
	B	US-			
	C	US-			
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
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FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	Jadoun, J. et al. Feb. 25, 2000. Mutation in <i>crsR</i> global regulator reduces <i>Streptococcus pyogenes</i> internalization. Microbial Pathogen. 29: 311-317.
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

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Notice of References Cited

Application/Control No.

10/632,117

Applicant(s)/Patent Under
Reexamination
SMITH, HILDA ELIZABETH

Examiner

Ja-Na Hines

Art Unit

1645

Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	A	US-5,610,011	03-1997	Smith et al.	435/6
	B	US-			
	C	US-			
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
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NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)				
	U	Janeway-Travers. 1997. Immunobiology: The Immune System in Health and Disease. 3rd Edition.				
	V	Smith et al. 1992. Infection and Immunity. Vol.60(6): 2361-2367.				
	W					
	X					

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Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete If Known Application Number: To be assigned Filing Date: July 31, 2003 First Named Inventor: Hilda E. Smith Group An Unit: To be assigned 1645 Examiner Name: To be assigned J. Hines Attorney Docket Number: 2183-6055US	
Sheet	2	of	3

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ¹
JP		ALLOUER et al., Relatedness of Streptococcus suis isolates of various serotypes and clinical backgrounds as evaluated by macrorestriction analysis and expression of potential virulence traits. Journal of Clinical Microbiology, 2001, pp. 443-453, Vol. 39, No. 2.	
JP		BUSQUE et al., Immunization of pigs against Streptococcus suis serotype 2 infection using a live avirulent strain, Can J Vet Res., October 1997, pp. 275-79, Vol. 61, No. 4.	
		CHARLAND et al., Streptococcus suis serotype 2 mutants deficient in capsular expression, Microbiology, February 1998, pp. 323-32, Vol. 144, No. 2.	
		DATABASE EMBL 'Online' McNab, S. gordonii partial aldB gene, cshA gene & hspA gene, Database accession No. X65164, XP002213089.	
JP		DE GREFF et al., Contribution of Fibronectin-Binding Protein to Pathogenesis of Streptococcus suis Serotype 2, Infection and Immunity, Mar. 2002, pp. 1319-23, Vol. 70, No. 3.	
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		QUESSY et al., Immunization of mice against Streptococcus suis serotype 2 infections using a live avirulent strain, Can J. Vet Res., October 1994, pp. 299-301, Vol. 58, No. 4.	

Examiner Signature		Date Considered	10/04
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	To be assigned
		Filing Date	July 31, 2003
		First Named Inventor	Hilda E. Smith
		Group Art Unit	To be assigned 1645
		Examiner Name	To be assigned J. Hines
Sheet 3 of 3	Attorney Docket Number	2183-6055US	


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Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ¹
JH		PCT International Search Report, PCT/NL02/06073, dated February 5, 2003.	
		PCT International Preliminary Examination Report, PCT/NL02/06073, dated May 7, 2003.	
		SEIGERS et al., Characterization of the gene encoding sulysin from <i>Streptococcus suis</i> and expression in field strains, FEMS Microbiology Letters, 1998, pp. 235-61, Vol. 167.	
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		First Named Inventor	Hilda E. Smith
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		Examiner Name	To be assigned J. Hines
Sheet 1 of 3	Attorney Docket Number	2183-6055US	

U.S. PATENT DOCUMENTS						
Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Person or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Number - Kind Code ² (if known)				
		US-5,610,011	03/11/1997	Smith et al.		
		US- 5,681,570	10/28/1997	Yang et al.		
		US- 5,733,765	03/31/1998	Mollet et al.		
		US- 5,786,184	07/28/1998	Mollet et al.		
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		US- 5,981,228	11/09/1999	Masure et al.		
		US- 2002/0055168 A1	05-09-2002	Smith		
		US-				
		US-				
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		US-				


FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	†
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)					
GA ↓		WO 92/16630		10-01-1992	Centraal Diergeneeskundig Instituut		
		WO 96/21485		07-18-1996	Connaught Laboratories Limited		
		WO 95/08732		03-09-1995	Rockefeller University		
		WO 95/31548		11-23-1995	UAB Research Foundation		
		EP 0 750 043 B1		11-27-1996	Societa Des Prodotti Nestle	No translation	
GA ↓		WO 02/038597 A2		05-16-2002	IL-Lelystad, Instituut Voor Dierhouderijen Diergezondheid B.V.		
		WO 00/05378		02-03-2000	Stichting Dienst Landbouwkundig Onderzoek		
		WO 02/061070 A2		08-08-2002	IL-Lelystad, Instituut Voor Dierhouderijen Diergezondheid B.V.		

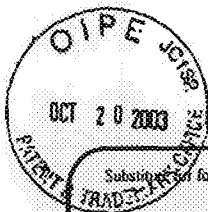
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PTO/SB/08B(10-01)

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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/632,117
		Filing Date	July 31, 2003
		First Named Inventor	Hilda E. Smith
		Group Art Unit	To be assigned 1645
		Examiner Name	To be assigned J. Hines
		Attorney Docket Number	2183-6035119
Sheet	1	of	1

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
JH	✓	ELLIOTT et al., Streptococcal infection in young pigs. V. An immunogenic polysaccharide from <i>Streptococcus suis</i> type 2 with particular reference to vaccination against streptococcal meningitis in pigs, October 1980, pp. 275-85, Vol. 85, No. 2.	
		ROBERTS et al., The biochemistry and genetics of capsular polysaccharide production in bacteria, Ann. Rev. Microbiol., 1996, pp. 283-313, Vol. 50.	
		SMITH et al., High efficiency transformation and gene inactivation in <i>Streptococcus suis</i> type 2, Microbiology, January 1995, pp. 181-88, Vol. 141.	
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↓		WATSON et al., Pneumococcal Virulence Factors and Host Immune Responses to Them, European Journal of Clinical Microbiology & Infectious Diseases, June 1995, pp. 479-90, Vol. 14, No. 6.	

Examiner Signature		Date Considered	10/04
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				Application Number	10/632,117
				Filing Date	July 31, 2003
				First Named Inventor	Hilda E. Smith
				Group Art Unit	1645
				Examiner Name	J. Hines
				Attorney Docket Number	2183-60551US
Sheet	1	of	1		

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Examiner Signature	/Jana Hines/	Date Considered	12/16/2008
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				First Named Inventor	Hilda E. Smith
				Group Art Unit	1645
				Examiner Name	J. Hines
				Attorney Docket Number	2183-60551/5
Sheet	1	of	2		

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Examiner Signature		Date Considered	6/2/09
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**INFORMATION DISCLOSURE
STATEMENT OF CO-PENDING
CASES BY APPLICANT**


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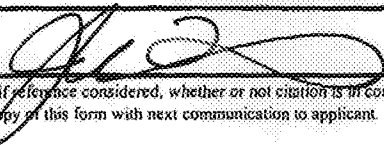
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Application Number	10/632,117
Filing Date	July 31, 2003
First Named Inventor	Hilda E. Smith
Group Art Unit	1645
Examiner Name	J. Hines
Attorney Docket Number	2183-60551US

CO-PENDING CASES

Examiner Initials *	File Data	File Data Specifics
	Attorney Docket No.: Serial No.: Filing Date: Inventor: Title:	2183-6055.1US 11/982,192 10/31/2007 Smith ENVIRONMENTALLY REGULATED GENES OF STREPTOCOCCUS SUIIS
	Attorney Docket No.: Serial No.: Filing Date: Inventor: Title:	
	Attorney Docket No.: Serial No.: Filing Date: Inventor: Title:	
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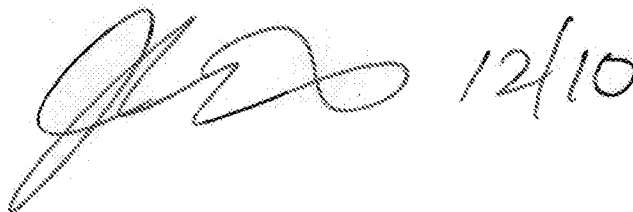
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Substitute for form 1449A/FTO

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Cher

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First Named Inventor	Hilda E. Smith
Group Art Unit	1645
Examiner Name	J. Hines
Anomony Docket Number	2183-60551US

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